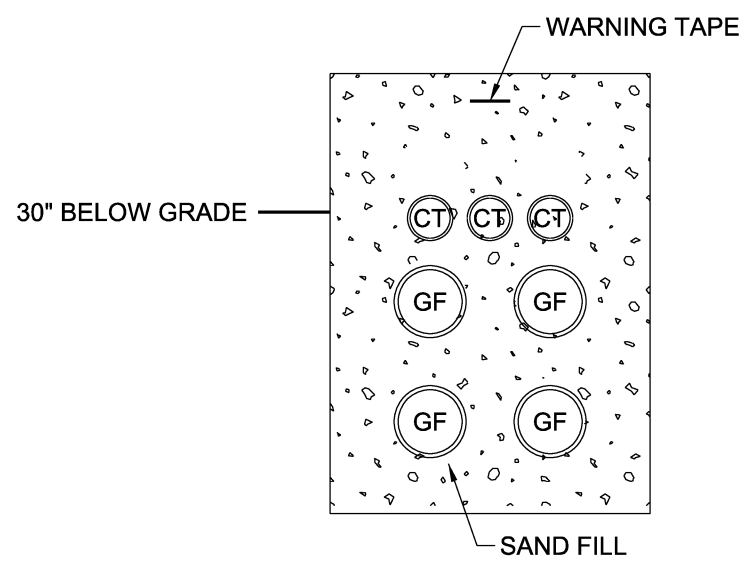


- IT WILL BE NECESSARY TO TEMPORARILY FEED ALL LOADS IN THE BUILDING FROM THE MDP#1 SERVICE. THIS WILL ALLOW THE MDP#2 SERVICE TO BE SHUT DOWN AND DE-ENERGIZE THE SWITCHBOARD PULL SECTION AND ATS. ALL TEMPORARY WORK SHALL BE PRE-FABBED AS MUCH AS POSSIBLE TO KEEP DOWN TIME TO A MINIMUM. ALL SHUT-DOWNS SHALL BE COORDINATED WITH AND APPROVED BY THE OWNER MINIMUM 48 HOURS PRIOR TO THE SHUTDOWN.
- MEASURE AND DOCUMENT INSTANTANEOUS LOADS FOR: DPL, DPH, AND ORIG BLDG. ANTICIPATED LOADS: DPL IS <200kW, "ORIG BLDG" <30kW.
- IN DISTRIBUTION PANEL DPH, REFEED "ORIG BLDG" FEEDER FROM SPARE 225A 3 POLE BREAKER
- SHUT DOWN LOCK-OUT MAIN BREAKER IN MDP#2 SECTION, DISCONNECT FEEDERS (MDP#2 & DPL) FROM ATS.
- IN DISTRIBUTION PANEL DPH, USE 800A BREAKER PREVIOUSLY FEEDING "ORIG BLDG" TO FEED DISTRIBUTION PANEL DPL.
- IN DISTRIBUTION PANEL DPL, DISCONNECT FEEDERS COMING FROM ATS AND INSULATE FOR ISOLATION FROM LIVE BUS.
- WITH FEEDERS DISCONNECTED, REMOVE THE ATS FROM ITS CURRENT LOCATION ALLOWING ACCESS TO THE PULL SECTION.
- OPEN PULL SECTION TO GAIN ACCESS FOR CORING THROUGH FOUNDATION WALL.
- INSTALL FEEDERS AND CONTROLS AS INDICATED IN DETAILS #1 & #2 THIS SHEET.
- REINSTALL ATS AND MAKE CONNECTIONS TO GENERATOR AND MDP#2 FEEDERS AS REQUIRED
- RESTORE "ORIG BLDG" AND DPL FEEDER BREAKERS TO ORIGINAL CONDITIONS.
- VERIFY PHASING PRIOR TO ENERGIZATION FOR ALL FEEDER MODIFICATIONS.



DUCT BANK SECTION  
GF - GENERATOR FEEDER (4" C)  
CT - CONTROL CONDUITS (1" C)  
(ATS, ANN, REMOTE STOP)

#### INSTALLATION NOTES

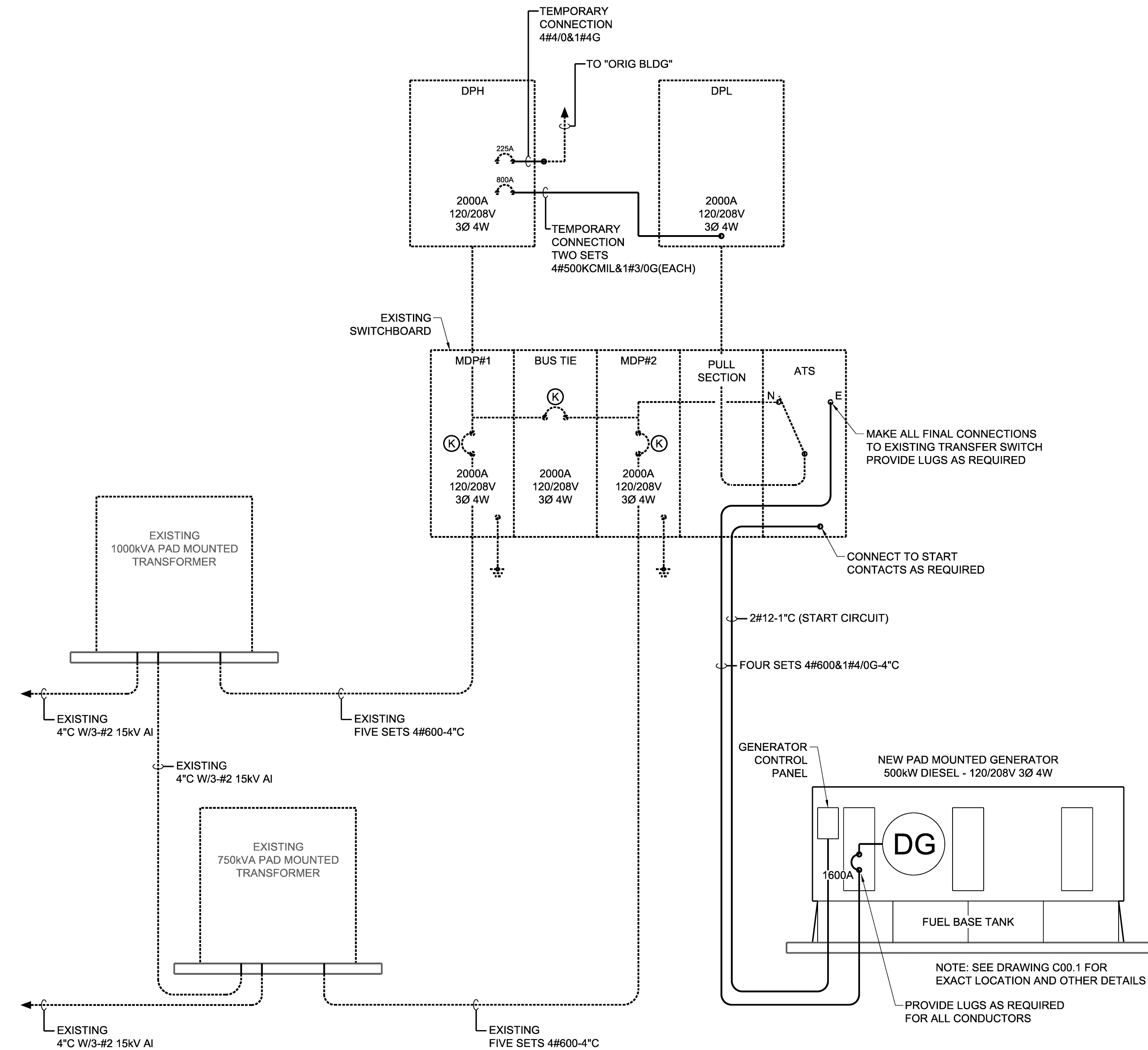
NO SCALE

4

#### DUCT BANK SECTION

NO SCALE

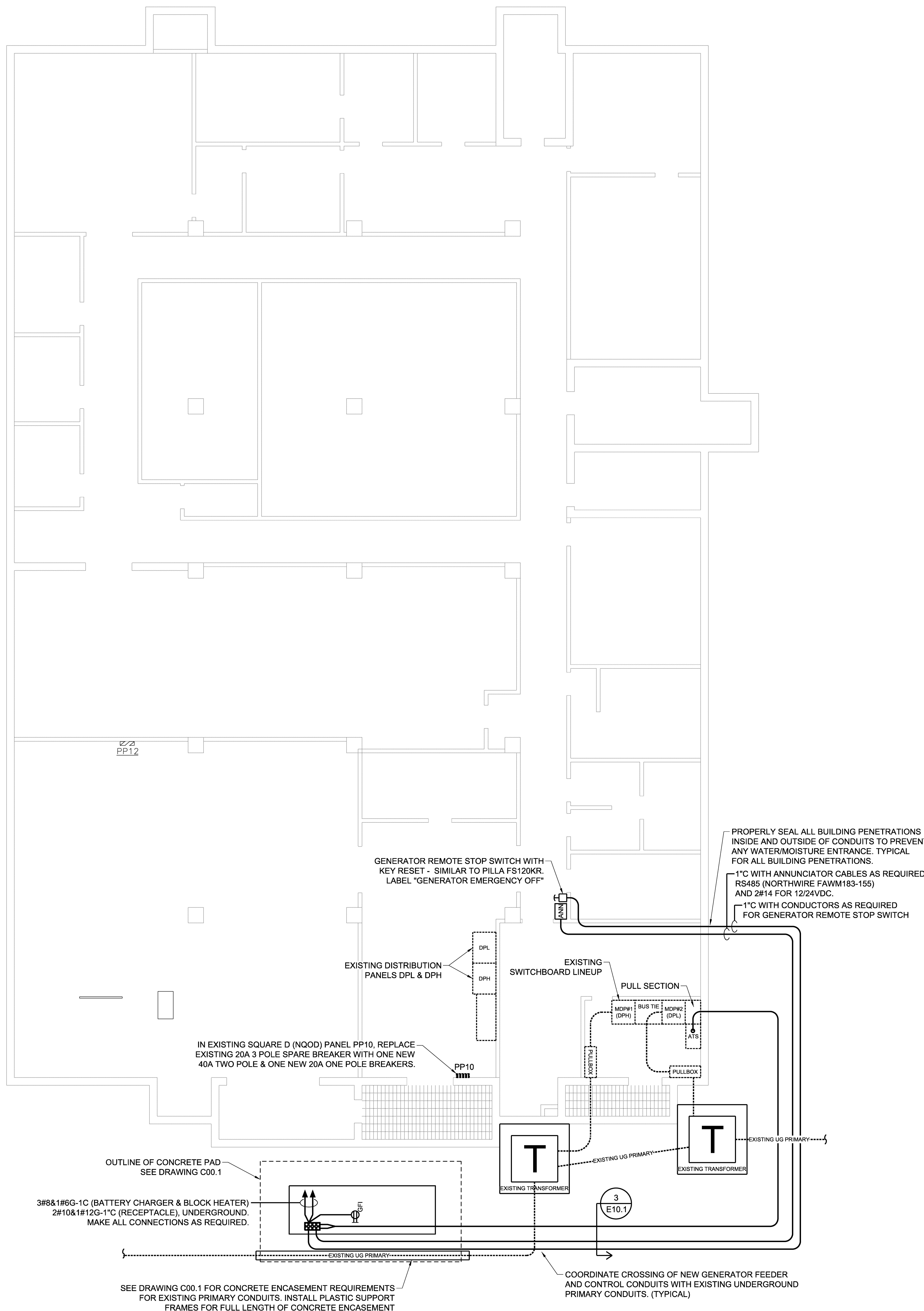
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#### POWER RISER DIAGRAM

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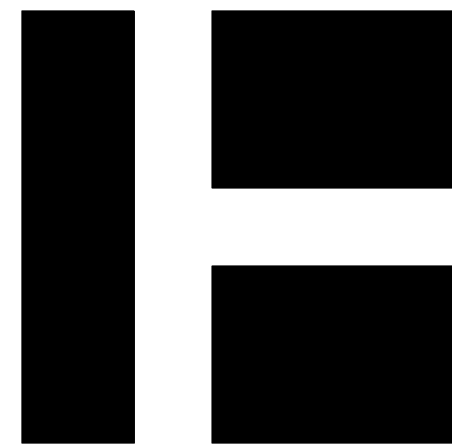
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#### BASEMENT ELECTRICAL PLAN

NO SCALE

1



HARRIMAN

AUBURN PORTLAND MANCHESTER

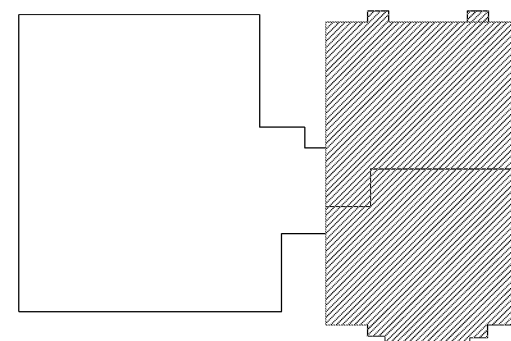
#### 221 STATE STREET GENERATOR

West Campus  
Augusta, Maine

Harriman Project No. 15632

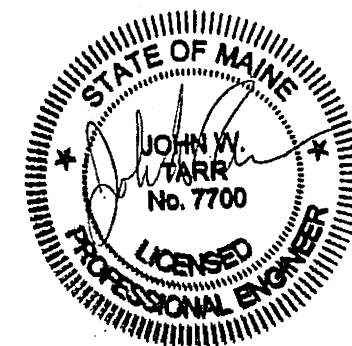
Key Plan

Proj North



#### Issues and Revisions

Mark	Date	Description
--	01-29-16	PROGRESS
--	03-04-16	FINAL REVIEW
--	03-09-16	CONSTRUCTION DOCUMENTS



#### Drawing Scales

PA / PE: JWT

Drawn By: JWT

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#### ELECTRICAL PLAN

E10.1